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U.S. PTO

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UNITED STATES OF AMERICA

18 February 2004

INTELLECTUAL PROPERTY LAW

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- ☐ U.S. Postal Service
- ☐ Via Local Courier
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Mail Stop: Patent Application
Commissioner for Patents
Alexandria, VA 22313-1450

Attorney Docket: P56961

15535 U.S. PTO
10/779785
021804

Sir:

Submitted herewith is the following patent application:

Inventor: 1) KUN-HAK LEE

**Title: SYSTEM FOR EXTENDING DISTANCE OF X DIGITAL
SUBSCRIBER LINE USING RESERVED TELEPHONE LINE**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 4 sheets, Figures 1 through 4

Claim of priority under 35 U.S.C. §119: **YES**

** The Republic Of Korea Application No. 2003-11479 filed on 24 February 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45330 & #45331)

Basic Fee \$385/770	\$770.00
Additional Fees:	
Total number of claims in excess of 20: ____ times \$9/18	\$0.00
Number of independent claims in excess of 3: ____ times \$43/86	\$0.00
Multiple Dependent Claims \$145/290	\$0.00
An Assignment is likewise enclosed: Recording Fee \$40 ..	\$40.00
Filing Non-English specification	\$0.00
TOTAL FEES FOR THE ABOVE APPLICATION	\$810.00

Commissioner for Patents
18 February 2004
Page Two

Docket No.: P56961

Inventor: 1) KUN-HAK LEE

Title: SYSTEM FOR EXTENDING DISTANCE OF X DIGITAL
SUBSCRIBER LINE USING RESERVED TELEPHONE LINE

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
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REB/sb

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KUN-HAK LEE

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 18 February 2004

Art Unit: *to be assigned*

For: SYSTEM FOR EXTENDING DISTANCE OF X DIGITAL SUBSCRIBER LINE
USING RESERVED TELEPHONE LINE

TRANSMITTAL OF DECLARATION

Mail Stop: Patent Application

Commissioner for Patents

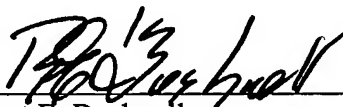
P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

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Folio: P56961
Date: 18 February 2004
I.D.: REB/sb

FREE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	To be Assigned
Filing Date	18 February 2004
First Named Inventor	KUN-HAK LEE
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned

TOTAL AMOUNT OF PAYMENT **(\$ 810.00)**Attorney Docket No. **P56961****METHOD OF PAYMENT (check one)****FEE CALCULATION (continued)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

3. ADDITIONAL FEES

Deposit Account Number: **02-4943**
 Deposit Account Number: _____

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within second month	\$
1253	950	2253	475	Extension for reply within third month	\$
1254	1,480	2254	740	Extension for reply within fourth month	\$
1255	2,010	2255	1,005	Extension for reply within fifth month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility issue fee (or reissue)	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee for provisional applications	\$
1806	180	1806	180	Submission of Information Disclosure Statement	\$
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$40.00
1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810	385	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
(CHECK #45330 & #45331)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$ 770.00)**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total claims 15 -20** =	x	=	
Independent Claims 3 -3** =	x	=	
Multiple Dependent		=	

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$.00)**** Reduced by Basic Filing Fee Paid****SUBTOTAL (3) \$40.00****SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

18 February 2004

Deposit Account User ID